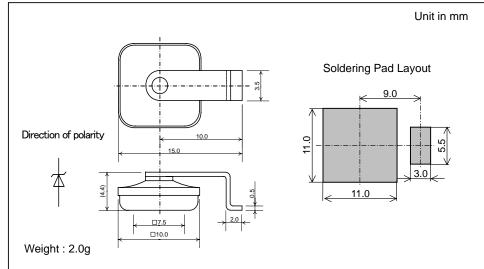




#### FEATURES

- High transient reverse power capability suitable for Load Dump Surge protecting for automobile electronic components etc.
- JEDEC DO-218 soldering pad Layout compatible.

#### **OUTLINE DRAWING**

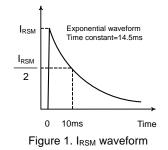


#### **ABSOLUTE MAXIMUM RATINGS**

Items	Symbols	Units	Ratings		
Non-Repetitive Peak Reverse Surge Current	I <sub>RSM</sub>	А	62(Exponential waveform. See Fig.1, T <sub>j</sub> =25°C start)		
DC Reverse Voltage	V <sub>DC</sub>	V	30		
Operating Junction Temperature	Tj	°C	-40 ~ +150		
Storage Temperature	T <sub>stg</sub>	°C	-40 ~ +150		

#### CHARACTERISTICS(T<sub>L</sub>=25°C)

Items	Symbols	Units	Min.	Тур.	Max.	Test Conditions
Zener Voltage	Vz	V	36.0	40.0	44.0	Iz=10mA
Dynamic Impedance	Zz	Ω	-	-	50	Iz=10mA
Zener Voltage Temperature Coefficient	γz	%/°C	-	0.087	-	Iz=10mA
Peak Forward Voltage	V <sub>FM</sub>	V	-	-	1.2	I <sub>FM</sub> =6A
Peak Reverse Current	I <sub>RRM</sub>	μA	-	-	10	V <sub>R</sub> =30V



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# **HITACHI POWER SEMICONDUCTORS**

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